

## 4.10.8 Construction

Procedures relating to construction are required by IDAPA 58.01.03 (section 8.1) or may be required as permit conditions, as appropriate, to ensure the protection of public health and the environment.

### 1. Installation

- a. A licensed complex system installer shall be required to install an ETPS unit and all other portions of the septic system connected to the ETPS unit or that the ETPS unit discharges to (IDAPA 58.01.03.006.01.b).
- b. A public works contractor may install an ETPS unit if they are under the direct supervision of a PE licensed in Idaho.
- c. Licensed plumbers and electricians will be required to install specific devices and components for proper system operation. If the device requires any on-site fabrication or component assembly, a public works contractor should be used.
- d. A sample port will be installed in the effluent line after the aerobic treatment unit. Figure 4-11 shows the placement of a sampling port after the ETPS unit, and Figure 4-12 shows the sample port and drainfield after the septic and treatment tank.

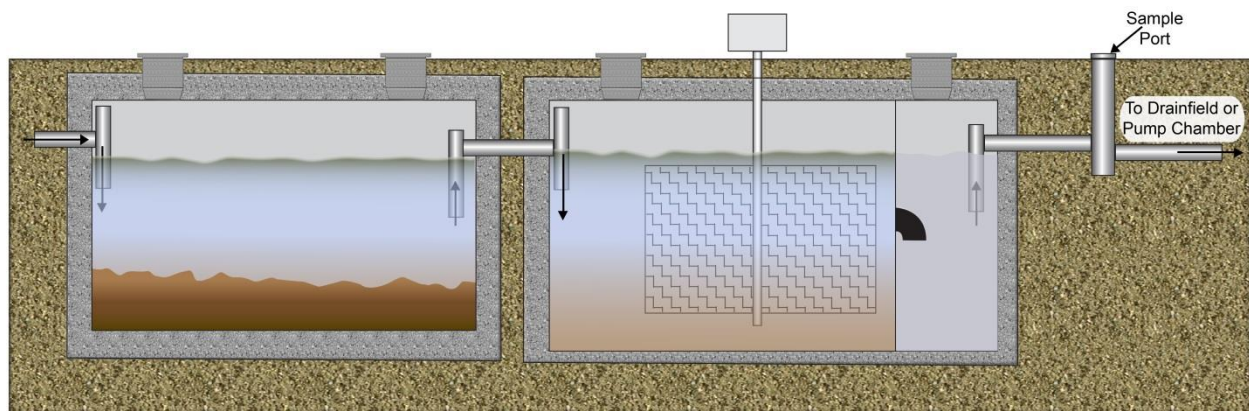
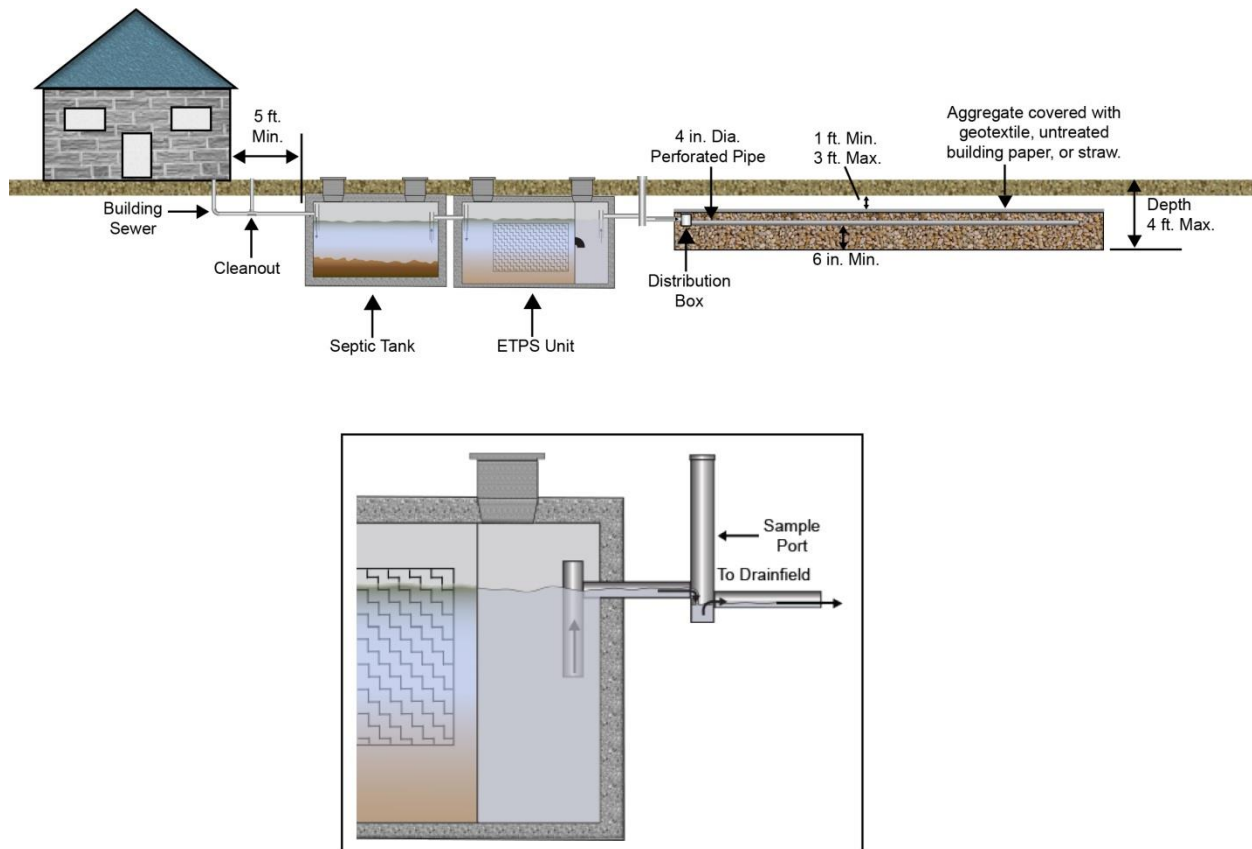


Figure 4-11. Sampling port example.



**Figure 4-12. Sampling port and drainfield.**

2. Within 30 days of completing the installation, the property owner shall provide certification to the regulatory authority, from their O&M entity, that the system has been installed and is operating in accordance with the manufacturer's recommendations (IDAPA 58.01.03.005.15).
  - a. A statement requiring the submission of the installation verification form described above shall be written on the face of the subsurface sewage disposal permit.
  - b. The regulatory authority shall not finalize the subsurface sewage disposal permit until the certification of proper installation and operation is received.
3. Upon ETPS unit installation the health district shall record the installed unit's manufacturer, product, and model number on the final inspection form.